



**MONTGOMERY COUNTY FIRE AND RESCUE SERVICE
DRIVER/OPERATOR TRAINING PROGRAM**

Practical Application Guide Sheet

Utility Task Vehicle: Pre-Trip Inspection

Candidate Name: _____

Candidate Performance Competency: The candidate will explain the purpose of and perform a pre-trip inspection on the vehicle. The Pre-Trip inspection will be completed in accord with UTV Safety Institute Guidelines.

Component	Value	Score
Vehicle Overview-7 points		
1. Park the vehicle on a stable and reasonably level surface. Make sure the parking brake is applied.	2	
2. Body components and lights intact, not missing, or damaged.	1	
3. Look down each side of the body to identify any leaning that may indicate weak or broken suspension components.	1	
4. ATV Exterior -Safety doors latch. -Patient litter securely mounted.	2	
5. Look beneath the vehicle for obvious leaks or components hanging loose.	1	
Motor & Drive line Components-16 points		
1. Oil-Check level and add oil if needed, SAE10W-30. Also look for leaks under motor area.	1	
2. Battery-Look for corrosion and leaks. Make sure connections are secure.	1	
3. Air filter- Remove filter cover and check condition of the filter element. Should be clean and not torn or blocked. Check for deposits in the drain tub. If necessary, clean the tube and check the air cleaner housing.	2	
4. Drive shaft and drive lines- look for oil leaks, signs of damage. Inspect boots for damage, or tears.	2	
5. Exhaust system- Make sure no flammable materials or debris are sticking to the exhaust system. With the engine running, listen for any exhaust leaks.		
6. Water Pump-Securely mounted, free of leaks.	1	
7. Radiator-look for leaks, debris, and significant damage.	1	
8. Fan-Make sure there is no damage and blades move freely.	1	
9. Hoses-Look for leaks, cuts, cracks, and bulges.	1	

Component	Value	Score
10. Coolant-If low add 50/50 mixture of silicate-free coolant and distilled water. Check for leaks.	1	
11. Wiring-Securely fastened as appropriate. Free of damage or deterioration. No signs of overheating or melted insulation.	1	
12. Alternator-Securely mounted, and no loose connections.	1	
13. Fuse box-look for any loose or blown fuses.	1	
14. Fuel-Level check the fuel gauge and add fuel if needed. Make sure the fuel fill cap is secure. Also check for the smell of fuel or fumes- if you smell any, turn the ignition switch off immediately.	2	
Wheels and tires-7 points		
1. Check the air pressure of all tires and inflate them to the proper pressure. 10psi for front tires, 18psi for rear tires.	2	
2. All tires must be free of damage that exposes the cords and bulges that are indicative of tire core separation.	1	
3. Condition, and tread depth. Tires should be replaced before the tread depth is 6/32, front and rear.	1	
4. Wheels should be free of cracks and welds.	1	
5. Lug nuts should be tight, and make sure axle nuts are tight and secured by cotter pins.	2	
Brakes System-7 points		
1. Brake fluid- If it is near MIN, inspect the brake pads for wear. If the brake pads are within the specification, check for leaks in the braking system.	1	
2. Controls-Check the brake pedal and parking brake lever to ensure they operate smoothly.	1	
3. Brake pad wear indicator-Front brakes need replaced when metallic friction sound is present. Rear brake need replaced when wear indicator arrows line up.	2	
4. Parking brake-Measure the distance of free play. No more than 1 9/16 th to 2 3/8 th Inch of travel in the lever before engaging.	2	
5. Brake rotors- Inspect to make sure no cracks, missing pieces or deep gouging.	1	
Suspension and Steering-6 points		
1. Steering-Gearbox and boots. Check the steering to make sure it turns smoothly in both directions. Check for any tears in the boots. No damage to any part of the steering components.	3	
2. Steering Wheel-No defects or damage.	1	

Component	Value	Score
3. Suspension-Check the condition of all suspension components. Be sure to look for bends or oil leaks in the cushion damper.	1	
4. Underbody-Check for any visible dents or cracks. Make sure there is no debris from driving off -road.	1	
In Cab-7 points		
1. Seats Belts-Make sure seat belts are in good condition and operate properly. Must move smoothly and retract on their own.	1	
2. Safety doors-the latch plates should click securely into the buckles and release when the release buttons are pushed firmly.	1	
3. Side nets-Make sure all nets and their mounting hardware are in good condition and that they latch and tighten securely.	1	
4. Ignition switch-Check the condition of the switch and make sure it works properly by switching it off and on during warm-up.	1	
5. Controls-check that accelerator pedal, drive mode selector, and shift lever are operating smoothly.	1	
6. Lights-Make sure the headlights, taillights, brake lights, and flood lights are working properly.	1	
7. Cargo-Be sure items in the cargo areas are within the cargo limit and are properly secured to prevent shifting. No more than 1000Lbs in cargo area.	1	
Total Points	50	

Critical Fail Points

Failure to successfully perform any of the following components will result in an automatic failure of this evolution regardless of total score.

- a) Failure to engage the hand brake during check-out.**
- b) Failure to conduct a thorough examination of any of the following systems as a whole: brakes, steering, tires, and suspension.**

Evaluator: Initial beside the final outcome of the exam below.

____ **PASS** ____ **FAIL – Overall Points** ____ **FAIL – Critical Failure Point**

Evaluator Name

Date

Evaluator Signature